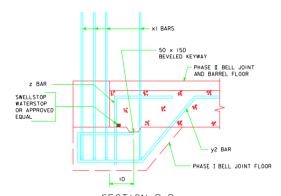
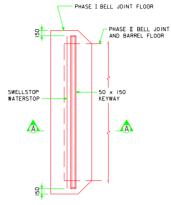
SECTION A-A
BELL JOINT AT FLOOR
COST FOR WATERSTOP CONSIDERED INCIDENTAL TO THE PROJECT.



SECTION B-B

BELL JOINT AT FLOOR

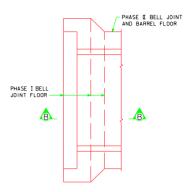
COST FOR WATERSTOP CONSIDERED INCIDENTAL TO THE PROJECT.



PLAN VIEW - PHASE I
(SHOWING PHASE I OF FLOOR BELL JOINT CONSTRUCTION)

THE DETAILS SHOWN ON THIS SHEET ARE AN OPTION FOR THE CONTRACTOR
TO CONSTRUCT THE FLOOR OF THE BELL JOINT WITH A PERMISSIBLE
CONSTRUCTION JOINT AS SHOWN.
REINFORCING STEEL WILL BE PLACED PRIOR TO PLACING THE PHASE I
CONCRETE.
THE COST OF THE WATERSTOP IS CONSIDERED INCIDENTAL TO THE PROJECT.
A 50 mm x 150 mm BEVELED KEYWAY WILL BE FORMED TO THE DISTANCE SHOWN
AND LOCATION NOTED BEFORE PLACING THE CONCRETE.
FOR DETAILS AND DIMENSIONS OF THE BELL JOINT REFER TO THE BELL

JOINT STANDARD SHEETS.



PLAN VIEW - PHASE II
(SHOWING PHASE II OF FLOOR BELL JOINT
AND BARREL FLOOR CONSTRUCTION)

APROVED BY:

standard design | PERMISSIBLE CULVERT BELL JOINT

TRIPLE REINFORCED CONCRETE BOX CULVERTS

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

JAN., 2002 MTRCBJ 3-94

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